


ABSTRACT OF THE DISCLOSURE

Determination of a word input on a reduced keypad, such as a numeric keypad, by entering a key sequence ambiguously corresponding to the word, by taking into account the context of the word via a machine learning approach, is disclosed. Either the left
5 context, the right context, or the double-sided context of the number sequence can be used to determine the intended word. The machine learning approach can use a statistical language model, such as an n-gram language model. The compression of a language model for use with small devices, such as mobile phones and other types of small devices, is also disclosed.

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Signature of Michael Dryja